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COMIREX-M-87  
22 January 1970

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COMMITTEE ON IMAGERY REQUIREMENTS AND EXPLOITATION

*approved by  
COMIREX-M-87  
(C.M.-88)*

COMIREX-M-87  
22 January 1970

Following is an index of the Minutes of the 22 January 1970  
COMIREX meeting:

Section I (Briefings)

25X1D

Page 5

Section II (Approval of Minutes)

Page 9 COMIREX-M-86

Section III (Operations)

Page 9 Satellite Schedule

Page 10 Report on Aircraft and Drone Activities

Section IV (Action Items)

Page 11 Report on 19 January OLD HEAD Coverage of Special  
Cuba Target

Page 11 Cuba Requirements

Page 12 Consideration of Altitude for Mission 1109

Page 12 Program for Developing Intelligence Community  
Requirements for Color Imagery

Page 15 FY 1970 Basic Requirements: Deployed Commo/Elec/  
Radar Facilities (COMIREX-D-31.4/70-25)

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NRO review(s)  
completed.

Copy 5 of 68

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2003/04/23 : CIA-RDP79B01709A000900030006-5

COMIREX-M-87  
22 January 1970

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Section IV (Action Items) cont.

Page 15 COMIREX Review of Imagery Reconnaissance Requirements  
for the FY 1971 National Reconnaissance Program

Section V (Other Business)

Page 16 Introduction of New Army Member  
Page 16 Farewell to Alternate DIA Member  
Page 16 Farewell to Retiring Chairman, EXRAND  
Page 16 Introduction of New Chairman, EXRAND

Section VI (Subcommittee and Working Group Reports)

Page 17 Exploitation Research and Development Subcommittee

Secretary's Additions

Page 17 Summary of CCRP Status  
Page 17 Status of Far East Coverage

Tabs

A Satellite Operations Schedule  
B Report on Aircraft and Drone Activities  
C Summary of CCRP Status as of 31 October 1969  
D Summary of CCRP Status as of 30 November 1969  
E Summary of CCRP Status as of 31 December 1969  
F Status of Far East Coverage, 31 October 1969  
G Status of Far East Coverage, 30 November 1969  
H Status of Far East Coverage, 31 December 1969

2

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COMIREX-M-87  
22 January 1970

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COMMITTEE ON IMAGERY REQUIREMENTS AND EXPLOITATION

COMIREX-M-87  
Auditorium, [REDACTED]  
22 January 1970  
1000-1330

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MEMBERS AND STAFF PRESENT

CHAIRMAN: [REDACTED]

CIA: [REDACTED]  
State: Mr. L. A. Moyer, Jr.  
DIA: [REDACTED]  
Army: Col. J. A. Smith

Navy: Capt. L. W. Moffit  
Air Force: Col. C. E. Davison  
NSA: [REDACTED]

Office of the Chairman: [REDACTED] Executive Secretary

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CONSULTANTS PRESENT

NPIC: [REDACTED]  
NRO: [REDACTED]

SUBCOMMITTEE AND WORKING GROUP REPRESENTATION

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ICRS: [REDACTED]  
EXSUBCOM: [REDACTED]  
EXRAND: [REDACTED]

DBWG: [REDACTED]  
MCGWG: [REDACTED]  
SDWG: [REDACTED]

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COMIREX-M-87

22 January 1970

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ALTERNATES AND OBSERVERS PRESENT

CIA:

Navy:

Cdr. H. W. Gamber

Air Force: Maj. N. A. Mavrotheris

NRO:

NPIC:

Army:

Mr. J. C. St. Cyr

BRIEFERS

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Report on 19 January OLD HEAD Coverage  
of Special Cuban Target

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NPIC

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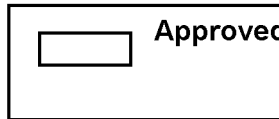
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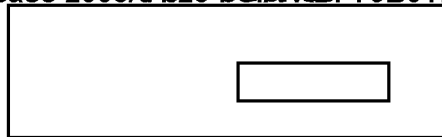
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COMIREX-M-87  
22 January 1970

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Section II (Approval of Minutes)

COMIREX-M-86



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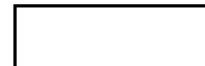
1. COMIREX-M-86, covering the meeting of 8 January 1970, were approved subject to any minor modifications members called in to the Executive Secretary.

/2. Section IV, paragraph 9: The NRO Representative requested that "until review of 1108 is available" be deleted. The last sentence should read: [redacted] noted that the NRO would not request the inclusion of SO-242 color film for testing on the next CORONA mission. "/

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Section III (Operations)

Satellite Schedule



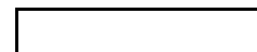
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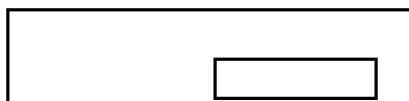
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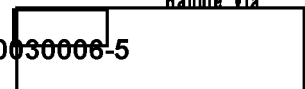
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COMIREX-M-87  
22 January 1970

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3. In answer to the Chairman's question, [redacted] informed that Mission 1109 continues on schedule for the 18 February launch. (See Section IV, paragraph 4, for item on altitude at which Mission 1109 is to be flown.)

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Report on Aircraft and Drone Activities

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4. The reports presented by the Acting DIA Member, the CIA Member, and the Chairman, ICRS, on aircraft and drone activities, coverage of special targets in the Far East, and satisfaction of the Cuba 56-day requirement are recorded in Tab B.

10

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COMIREX-M-87  
22 January 1970

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Section IV (Action Items)

Report on 19 January OLD HEAD Coverage of Special Cuba Target

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1. [ ] described a 19 January special collection effort by OLD HEAD Mission 113 against the Russian Merchant Ship PRIDNEPROVSK to determine its port of arrival in Cuba and, if possible, to further identify her cargo. The Navy had acquired photographic coverage of the PRIDNEPROVSK south of Bermuda on 12 January and identified the following equipment on deck: (a) three R820 radio van trucks; (b) three ZIL-157 workshop vans; (c) three generators; and (d) two POL tanks. OLD HEAD missions were not flown on 16, 17, and 18 January because of unfavorable weather. Mission 113 on 19 January covered Havana, Mariel, and other northern ports but neither the vessel nor evidence of her cargo was found. Search of available photography will continue and any significant results will be reported out immediately.

Cuba Requirements

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2. Following [ ] report, the Chairman stated that COMIREX cannot delay longer in its consideration of updating the requirements for Cuba coverage and reporting to USIB. Since DIA reports that completion of the contingency planning requirements review is still some weeks off, it will be necessary to proceed to USIB without that information. [ ] indicated that he would distribute shortly a draft paper for consideration by COMIREX members. The report to USIB can simply state that the revised intelligence requirement does not take the DoD contingency plan requirements into consideration because they are not available at this time.

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COMIREX-M-87  
22 January 1970

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Consideration of Altitude for Mission 1109

3. The Chairman reminded members of Committee discussions last October and the resulting COMIREX guidance to the NRO concerning Mission 1108 (see COMIREX-M-81). At that time, in view of the area search coverage deficiency, it was agreed the mission should be flown at the 100 n.m. altitude to obtain maximum area coverage, recognizing that this would be at the expense of some fall-off in quality. It was also agreed that the question of altitude for the next CORONA mission, 1109, would be considered after there had been an opportunity to study the results of 1108.

4. Mission 1109, scheduled for launch on 18 February, will have Ultra-thin Base (UTB) film. The NRO Consultant commented that the amount of search coverage obtained with UTB film in a satellite flown at an altitude of 85 n.m. is roughly equivalent to that obtained with Standard Thin Base (STB) film at 100 n.m. The NRO proposes to fly Mission 1109 at between 85 and 90 n.m. It was agreed that this proposal permits obtaining the best quality imagery possible and a maximum achievement against the area search requirement.

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COMIREX-M-87  
22 January 1970

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FY 1970 Basic Requirements: Deployed Commo/Elec/Radar  
Facilities (COMIREX-D-31.4/70-25)

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10. In view of the apparent length of today's meeting, the Chairman requested that members notify the Executive Secretary of their comments on or concurrence in this paper. /Subsequent to the meeting, all members concurred in COMIREX-D-31.4/70-25./

COMIREX Review of Imagery Reconnaissance Requirements for  
the FY 1971 National Reconnaissance Program

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11. The Chairman stated that a draft paper on this subject would be sent to members for their review prior to the special 29 January COMIREX meeting in his office to approve a final version for forwarding to USIB.

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COMIREX-M-87  
22 January 1970

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Section V (Other Business)

Introduction of New Army Member

1. The Chairman introduced Colonel John A. Smith who has replaced Colonel Barry as the Army Member of COMIREX and welcomed him on behalf of all the members.

Farewell to Alternate DIA Member

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2. [Redacted] referred to the impending retirement of [Redacted] at the end of this month. [Redacted] has been the Alternate DIA Member of COMIREX since the Committee's formation. [Redacted] commented on the excellent support [Redacted] has provided to the Committee and expressed the best wishes of all for future success. [Redacted] [Redacted] thanked the Chairman and indicated that he considered his assignment to COMIREX had been very constructive.  
Farewell to Retiring Chairman, EXRAND

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3. The Chairman, taking note of the retirement of [Redacted] on 31 January 1970, expressed the appreciation of the Committee for the valuable service [Redacted] has performed in his role as Chairman, EXRAND. [Redacted] commented on the degree of coordination and consolidation that has been effected in an area that has always been extremely difficult to work with and indicated that the success of EXRAND to date has been, to a large extent, the result of [Redacted] initiative and personal drive. [Redacted] wished [Redacted] well in his work with [Redacted]

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Introduction of New Chairman, EXRAND

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4. [Redacted] expressed his appreciation and pleasure for having had the opportunity to work with COMIREX and introduced [Redacted] will replace [Redacted] as Chairman, EXRAND, effective 16 February 1970. The Chairman welcomed [Redacted] on behalf of the members and indicated that all are looking forward to the opportunity to work with him.

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COMIREX-M-87  
22 January 1970

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Section VI (Subcommittee and Working Group Reports)

Exploitation Research and Development Subcommittee

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1. [ ] reported that the second annual Technical Task Team report covering exploitation research and development activities within the government has been issued. There is also a new report from the Joint Procurement Team covering a full year's joint purchasing activity.

Secretary's Additions

Summary of CCRP Status

1. Copies of the Summary of CCRP Status as of 31 October, 30 November, and 31 December are attached at Tabs C, D, and E respectively.

Status of Far East Coverage

2. Copies of the October, November, and December monthly reports on coverage of the Far East are attached at Tabs F, G, and H. Each report is in two parts - coverage by area and coverage by primary targets.

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[ ]  
Executive Secretary

Committee on Imagery Requirements and Exploitation

Attachments  
Tabs A - H

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COMIREX-M-87  
22 January 1970  
Tab B

Report on Aircraft and Drone Activities

FAR EAST

BUMPY ACTION (9-22 January 1970)

<u>DATE</u>	<u>MSN NO.</u>	<u>AREAS/TARGETS</u>	<u>RESULTS</u>
9 Jan	Q302/449 (low)	100 mm AA & Suspect SAM Sites Panhandle NVN Border w/LA	MARS
10 Jan	Q579A/450 (low)	Vinh Afld, Vinh TSP, Rtes 8, 82	MARS
10 Jan	Q581/451 (low)	Port Wallut Nav Base, Tien Yen Complx, Uong Bi TSP, Haiphong Port, Kien An	Lost
12 Jan	Q602/452 (low)	Segs Rte 7, Quang Lang, Vinh, Hwy 82A, Vinh Son Complx, Vinh TSP	MARS
13 Jan	Q594/453 (low)	Bai Thuong Afld, Thanh Hoa Army Bks	MARS
14 Jan	Q564/454 (low)	Hanoi Port Fac, Gia Lam Afld, Yen Vien RRYD	MARS
14 Jan	Q541/455 (low)	Haiphong Port Fac, Cat Bi Afld	Lost
16 Jan	Q603/456 (low)	Cat Bi Afld, Haiphong Port	MARS
17 Jan	Q597/457 (low)	Quang Lang Afld, Vinh Son Complx	MARS

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COMIREX-M-87  
22 January 1970  
Tab B

BUMPY ACTION cont.

<u>DATE</u>	<u>MSN NO.</u>	<u>AREAS/TARGETS</u>	<u>RESULTS</u>
18 Jan	Q575/458 (low)	Hoa Lac Afld, Phuc Yen Afld, Kep Afld	MARS
20 Jan	Q540B/459 (low)	Haiphong Roads, Haiphong Port, Haiphong Nav Base	MARS
20 Jan	Q538B/460 (low)	WW 19A, Bai Thuong Afld	Recovered fr water
22 Jan	Q579A/462 (low)	Vinh Afld, Vinh TSP, Segs Hwy 8, 82	MARS
	Successful	11	
	Lost	2	

GIANT SCALE (9-22 January 1970)

<u>DATE</u>	<u>MSN NO.</u>	<u>AREAS/TARGETS</u>	<u>RESULTS</u>
9 Jan	GS 216	Lang Bet Stor, Phu Qui Stor, Segs Hwy 1A, 15, 46, RR 6B	Poor
15 Jan	GS 218	KEP, RR 2, Yen Bai, Tuyen Quang RR 5, Port Wallut, Tien Yen	Fair

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 2003/04/23 : CIA-RDP79B01709A000900030006-5

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 COMIREX-M-87  
 22 January 1970  
 Tab B

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FOOD FAIR (9-22 January 1970)

No FOOD FAIR activity was scheduled during the period 9-22 January 1970.

IDEALIST/TACKLE (9-22 January 1970)

There was not any IDEALIST/TACKLE activity reported during the period 9-22 January 1970.

Coverage of Special Targets in South China and North Vietnam

Coverage of special targets in South China and North Vietnam was reported as follows:

a. Surveillance coverage was reported on 49 priority Lines of Communication (LOC) targets pertinent to the introduction of Chinese forces into North Vietnam (see COMOR-D-25/207, 4 March 1966) during the period 8-21 January 1970. The number of LOC priority targets in South China and North Vietnam remains at 331. The 49 specific targets on which surveillance coverage was reported are listed below:

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<u>COMIREX No</u>	<u>Country</u>	<u>Name</u>	<u>Most Recent Previous Coverage</u>
<div data-bbox="142 1394 332 1782" style="border: 1px solid black; width: 117px; height: 185px;"></div>	VN	HAI PHONG/CAT B1 AF	<div data-bbox="1166 1430 1430 1824" style="border: 1px solid black; width: 163px; height: 188px;"></div>
	VN	HAI PHONG/KIEN AN AF	
	VN	HA NOI/GIA LAM AF	
	VN	PHUC YEN AIRFIELD	
	VN	LANG SON AIRFIELD	
	VN	KEP AIRFIELD	

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COMIREX-M-87  
22 January 1970  
Tab B

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COMIREX No	Country	Name	Most Recent Previous Coverage
	VN	HOA LAC AIRFIELD	
	VN	BAI THUONG AIRFIELD	
	VN	PORT WALLUT NAVAL BASE	
	VN	HAI PHONG NAVAL BASE	
	VN	HAI PHONG PORT FAC	
	VN	CAM PHA PORT FACILITIES	
	VN	HON GAI PORT FACILITIES	
	VN	HON GAI NVBA SHP RPR YD BAI CHAY	
	VN	HA TOU COASTAL TRNSHP PT EAST	
	VN	BEN THUY COASTAL TRANSSHIPMENT POINT	
	VN	THAI NGUYEN BKS SSE	
	VN	VINH YEN AMMO DPO	
	VN	HA NOI ARMY BKS A STOR WNW MAI DICH	
	VN	HA NOI ARMY BKS W MAI DICH	
	VN	HA NOI STORAGE AREA GIA THUONG 1	
	VN	HA NOI ARMY BKS NNW THUY PHUONG	
	VN	HA NOI BKS A SUPPLY GIANG VU E	
	VN	HA NOI BKS AREA 3	
	VN	HA NOI SUPPLY DEPOT WNW	
	VN	HA NOI MILITARY DEPOT XVAN DVC	
	VN	HA NOI STORAGE AREA BAC MAI	
	VN	HA NOI ARMY BKS A SUPPLY W YEN LANG	

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COMIREX-M-87  
22 January 1970  
Tab B

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<u>COMIREX No</u>	<u>Country</u>	<u>Name</u>	<u>Most Recent Previous Coverage</u>
	VN	HA NOI MND ARMY AND AREA CAPITAL HQ	
	VN	HA NOI BKS A STOR A POSS PW CAMP N-63	
	VN	HA NOI MOTOR VEH MAINTENANCE FACILITY	
	VN	HA NOI BKS AREA GIAP LUC	
	VN	SON DONG ARMY BKS AND SCHOOL	
	VN	CHUC SON ARMY BKS AND STORAGE N	
	VN	HA DONG ARMY BKS A VEH MAINTENANCE	
	VN	HA DONG ARMY SUPPLY DEPOT	
	VN	DONG DANG COMPLEX	
	VN	LAO CAI COMPLEX	
	VN	LAI CHAU COMPLEX	
	VN	LANG SON COMPLEX	
	VN	TIEN YEN COMPLEX	
	VN	TUYEN QUANG COMPLEX	
	VN	YEN BAI COMPLEX	
	VN	LAO CAI RR CIF YD	
	VN	HAI PHONG RR STA YD A SHOPS	
	VN	VIET TRI RR YARD	
	VN	YEN VIEN RR CLASSIFICATION YARD	
	VN	KEP RR YARD	
	VN	DONG DANG RR YARD	

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COMIREX-M-87  
22 January 1970  
Tab B

b. Coverage of North Vietnam to detect the possible introduction or deployment of offensive missile systems (see COMOR-D-25/200, 23 May 1967, and COMIREX-D-25.3/2, 20 November 1967) is shown on the attached grid maps (pages B-8 and B-9) for the following time periods.

<u>Period</u>	<u>Missions Not Reported</u>
1 Jan - 7 Jan 70	none
8 Jan - 14 Jan 70	5 BUMPY ACTION

### CUBA

#### OLD HEAD (9-22 January 1970)

<u>DATE</u>	<u>MSN NO.</u>	<u>RESULTS</u>
12 Jan	G112	Successful, 43.8% coverage
19 Jan	G113	Successful, 19.5% coverage

#### RECAP

<u>DATE</u>	<u>MSN NO.</u>	<u>NET</u>	<u>CUMULATIVE</u>
12 Jan	G112	43.8%	92.6%
19 Jan	G113	19.5%	94.1%

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COMIREX-M-87  
22 January 1970  
Tab B

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Status of 56-Day Coverage

The status of coverage for the 56-day periods shown below are as follows:

<u>Period</u>	<u>Area Cov</u>	<u>Tgt Cov</u>	<u>Number of Missions Flown</u>	<u>Exploited</u>	
				<u>Area</u>	<u>Tgts</u>
20 Nov 69 - 14 Jan 70	98.9%	174 of 177	8	8	8
27 Nov 69 - 21 Jan 70	98.8%	166 of 177	8	8	7

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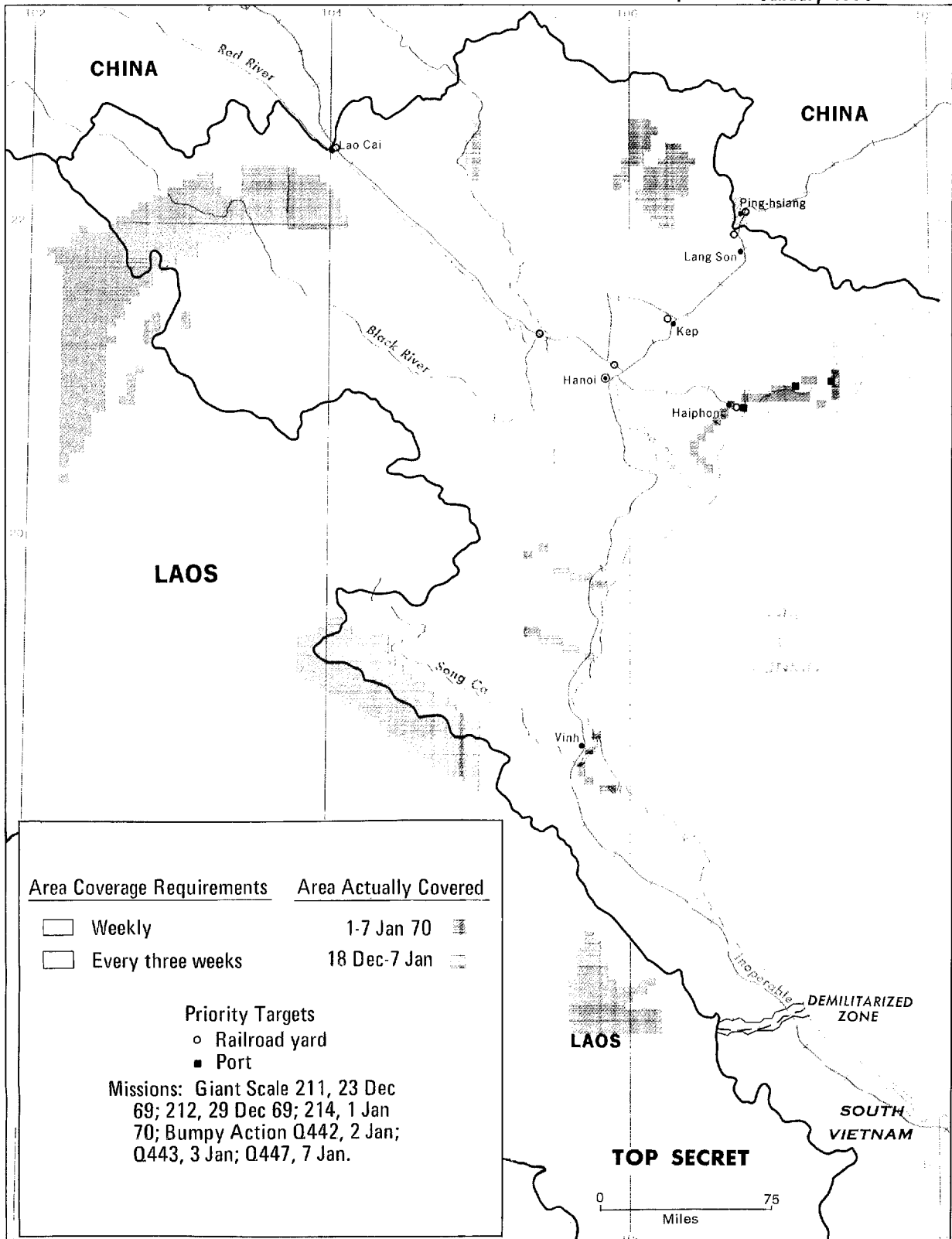
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# High Resolution Coverage of North Vietnam

(80% or more cloud-free)

Date of Report: 14 January 1970



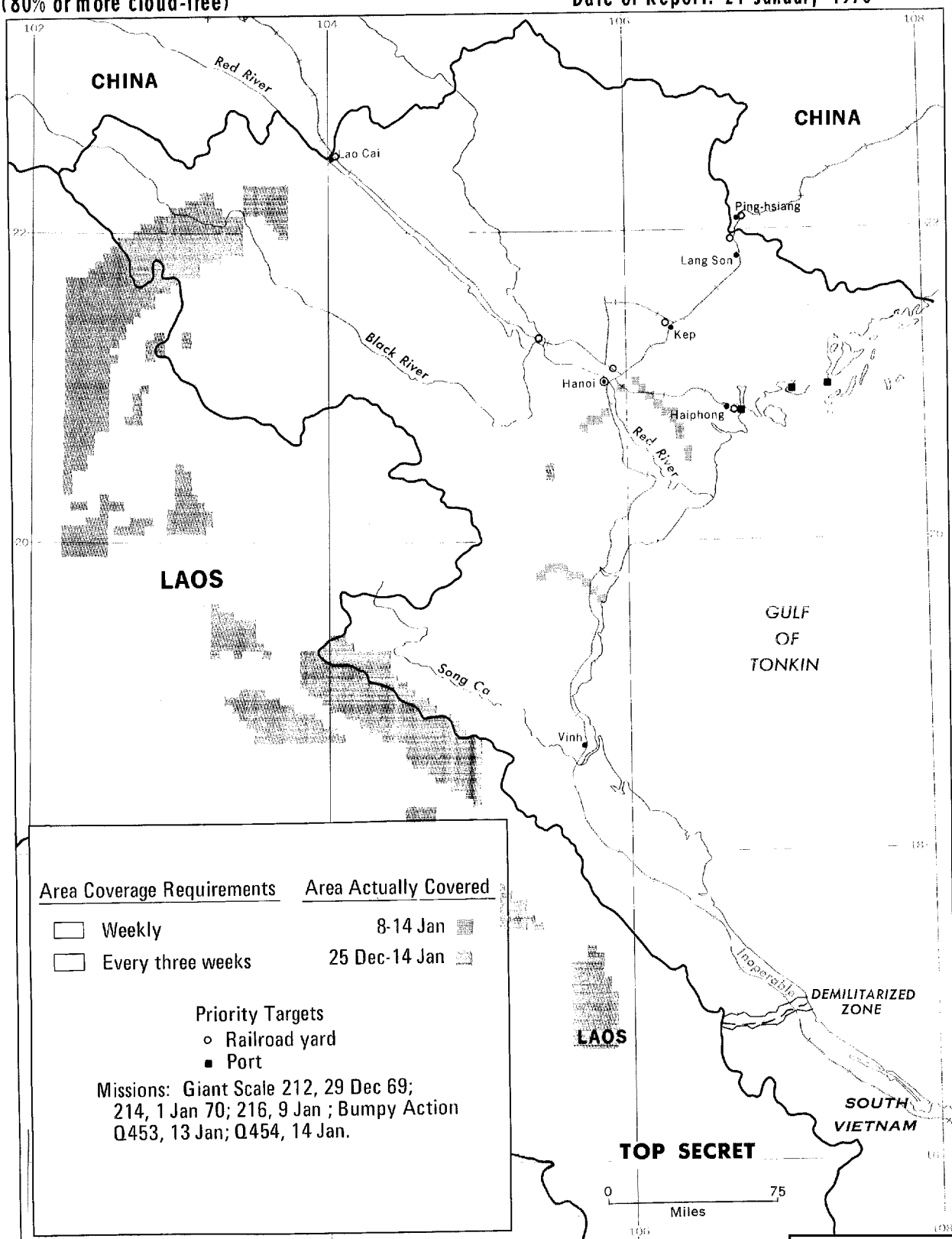
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# High Resolution Coverage of North Vietnam

(80% or more cloud-free)

Date of Report: 21 January 1970



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